

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

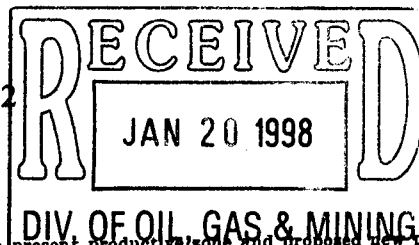
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UTU-0778
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Rosewood Resources, Inc.		7. UNIT AGREEMENT NAME Rock House Unit
3. ADDRESS OF OPERATOR 100 Crescent Court, Suite 500, Dallas Tx. 75201 214-871-5729		8. FARM OR LEASE NAME Rock House Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 511' FNL, 537' FEL, NE1/4, NE1/4, Sec. 10, T11S, R23E At proposed prod. zone 156 164		9. WELL NO. #27
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 33.2 MILES SOUTH OF BONANZA, UT		10. FIELD AND POOL, OR WILDCAT
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	511'	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 10, T 11 S, R 23 E.
16. NO. OF ACRES IN LEASE	6230	12. COUNTY OR PARISH
17. NO. OF ACRES ASSIGNED TO THIS WELL	40	13. STATE UT
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	2800'	20. ROTARY OR CABLE TOOLS ROTARY
19. PROPOSED DEPTH 5500'		22. APPROX. DATE WORK WILL START* March 1, 1998
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5513'		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	9 5/8	36	300	TO SURFACE
7 7/8	4 1/2	11.6	T.D.	CMT TOP TO COVER
				THE OIL SHALE

OPERATOR REQUESTS PERMISSION TO DRILL THE SUBJECT WELL
PLEASE SEE THE ATTACHED 10 POINT AND THE 13 POINT SURFACE
USE PLAN.
IF YOU REQUIRE ADDITIONAL INFORMATION PLEASE CONTACT:

WILLIAM A. RYAN
350 S., 800 E.
VERNAL, UTAH
801-789-0968

801-823-6152



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED William A. Ryan TITLE AGENT DATE October 28, 1997
(This space for Federal or State office use)

PERMIT NO. 43-047-33050 APPROVAL DATE _____
APPROVED BY J. R. Bay TITLE Associate Director DATE 2/19/98
CONDITIONS OF APPROVAL, IF ANY: LHah DOGM

*See Instructions On Reverse Side

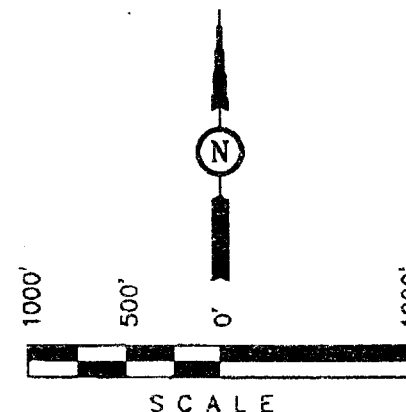
T11S, R23E, S.L.B.&M.

ROSEWOOD RESOURCES, INC.

Well location, ROCK HOUSE #27, located as shown in the NE 1/4 NE 1/4 of Section 10, T11S, R23E, S.L.B.&M. Uintah County Utah.

BASIS OF ELEVATION

SPOT ELEVATION IN THE NW 1/4 OF SECTION 27, T11S, R23E, S.L.B.&M. TAKEN FROM THE ARCHY, BENCH SE. QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6366 FEET.



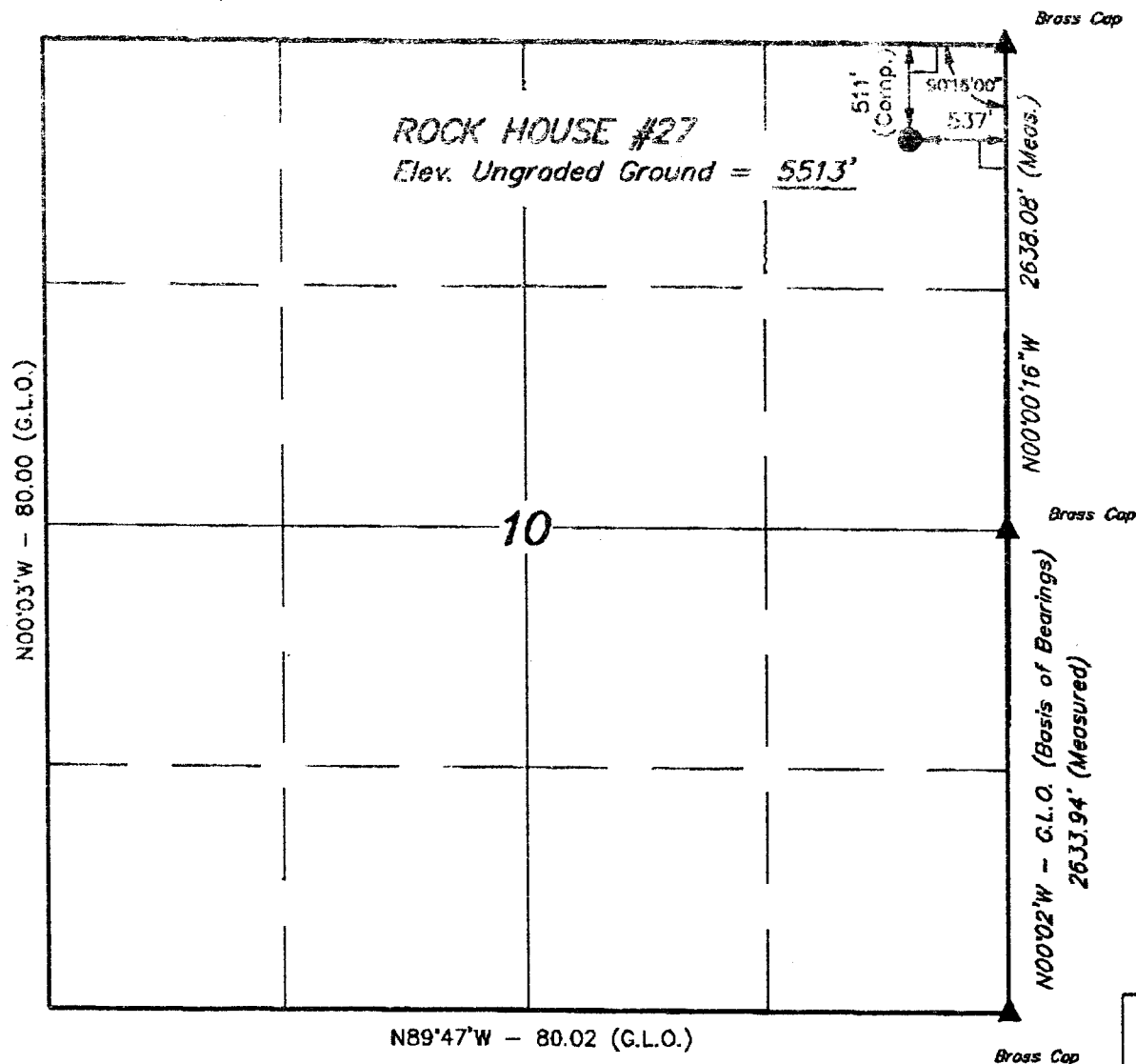
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME, OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-07-97	DATE DRAWN: 10-10-97
PARTY L.D.T. B.H. D.R.B.	REFERENCES G.L.O. PLAY	
WEATHER WARM	FILE ROSEWOOD RESOURCES, INC.	



LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NOTE:

THE PROPOSED WELL HEAD BEARS S46°33'41"W 739.55' FROM THE NORTHEAST CORNER OF SECTION 10, T11S, R23E, S.L.B.&M.

SELF-CERTIFICATION STATEMENT

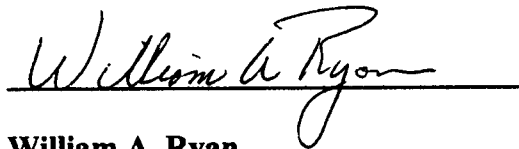
The following self-certification statement is provided per Federal requirements dated June 15, 1988.

Please be advised that Rosewood Resources, Inc., is considered to be the operator of the following well.

**Rock House Unit #27
NE 1/4, NE 1/4, Section 10, T. 11 S., R. 23 E.
Lease UTU-0778
Uintah County, Utah**

Rosewood Resources, Inc., is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage is provided by Certificate of Deposit, BLM Bond #UT-0627.

A handwritten signature in cursive script, reading "William A. Ryan", is written over a horizontal line.

**William A. Ryan
Agent
Rocky Mountain Consulting
350 S. 800 E.
Vernal UT 84078
801-789-0968 Office
801-823-6152 Cell
801-789-0970 Fax**

Ten Point Plan

Rosewood Resources, Inc.

Rock House 27
Rock House Unit

Surface Location NE 1/4, NE 1/4, Section 10, T. 11 S., R. 23 E.

1. Surface Formation:

Green River

2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Green River	Surface	5,513' G.L.
Oil Shale	500	5,000
Wasatch	2,963	2,550
Mesaverde formation	5,013	500
T.D.	5,500	13

3. Producing Formation Depth:

Formation objective include the Wasatch and its submembers.

Off Set Well Information:

Off set well:	Gas Well	Rock House Unit #21	Sec. 11, T. 11 S., R. 23 E.
	Gas Well	Rock House Unit #19	Sec. 10, T. 11 S., R. 23 E.
	Gas Well	Rock House Unit #17	Sec. 9, T. 11 S., R. 23 E.
	Gas Well	Rock House Unit #16	Sec. 10, T. 11 S., R. 23 E.
	Gas Well	Rock House Unit #14	Sec. 15, T. 11 S., R. 23 E.

4. Proposed Casing :

<u>Hole</u>	<u>Casing</u>		<u>Grade</u>	<u>Setting</u>	<u>Casing</u>
<u>Size</u>	<u>Size</u>	<u>Weight/Ft.</u>	<u>& Tread</u>	<u>Depth</u>	<u>New/Used</u>
12 1/2	9 5/8	36	J-55/STC	300	New
7 7/8	4 1/2	11.6	J-55/LTC	T.D.	Used/inspected

Cement Program:

<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amount</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
9 5/8	Class "G" 2% Calcium 1/4 #/sk cello flake	200 sks.	1.18 cu. ft./sk.	15.6 lbs./gal.
4 1/2	Lead Class "G" 3 % salt 16% gell 10# Gilsonite/sk	200 sks	3.90 cu. ft./sk.	11.0 lbs./gal.
	Tail Class "G" 10% salt 10% gypsum 2% WR15 .4 lbs/sk FL 25	500 sks +/-	1.53 cu. ft./sk.	14.8 lbs./gal.

5. BOP and Pressure Containment Data:

The anticipated bottom hole pressure will be less than 3000 psi.

A 3000 psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 9 5/8" surface casing. The BOP system including the casing will be pressure tested to the minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

6. Mud Program:

<u>Interval</u>	<u>Mud weight lbs/gal.</u>	<u>Viscosity Sec./Qt.</u>	<u>Fluid Loss Ml/30 Mins.</u>	<u>Mud Type</u>
0-300	Air/Clear Water	----	No Control	Water/Gel
300-2000	Clear Water	----	No Control	Water/Gel
2000-T.D.	8.4-8.6	30	No Control	Water/Gel

7. Auxiliary Equipment:

Upper Kelly cock, full opening stabbing valve, 2 1/2" choke manifold and pit level indicator.

8. Testing, Coring, Sampling and Logging:

- a) Test: None are anticipated.
- b) Coring: There is the possibility of sidewall coring.
- c) Sampling: Every 10' from 2000' to T.D.
- d) Logging:

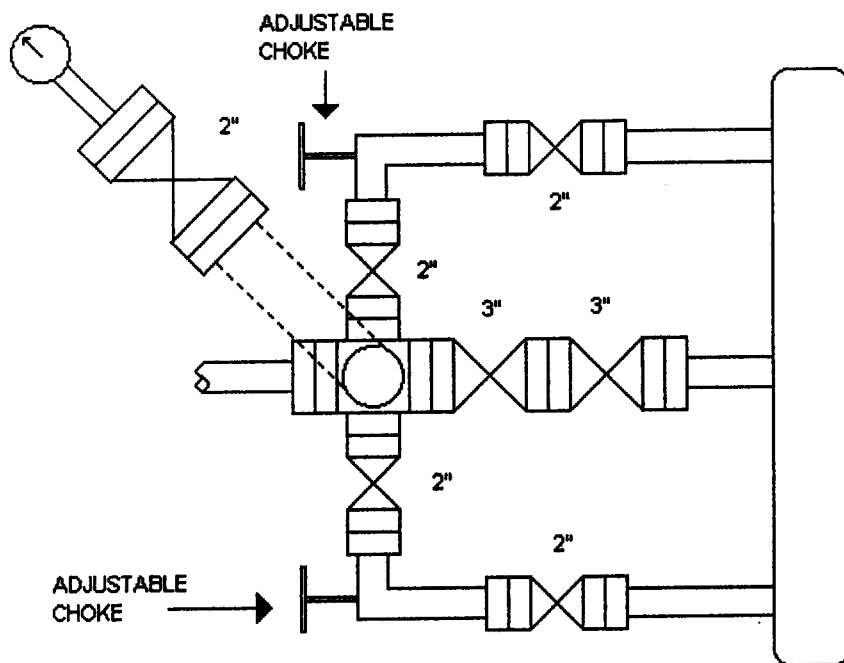
Type	Interval
DLL/SFL W/GR and SP	T.D. to Surf. Csg
FDC/CNL W/GR and CAL	T.D. to Surf. Csg

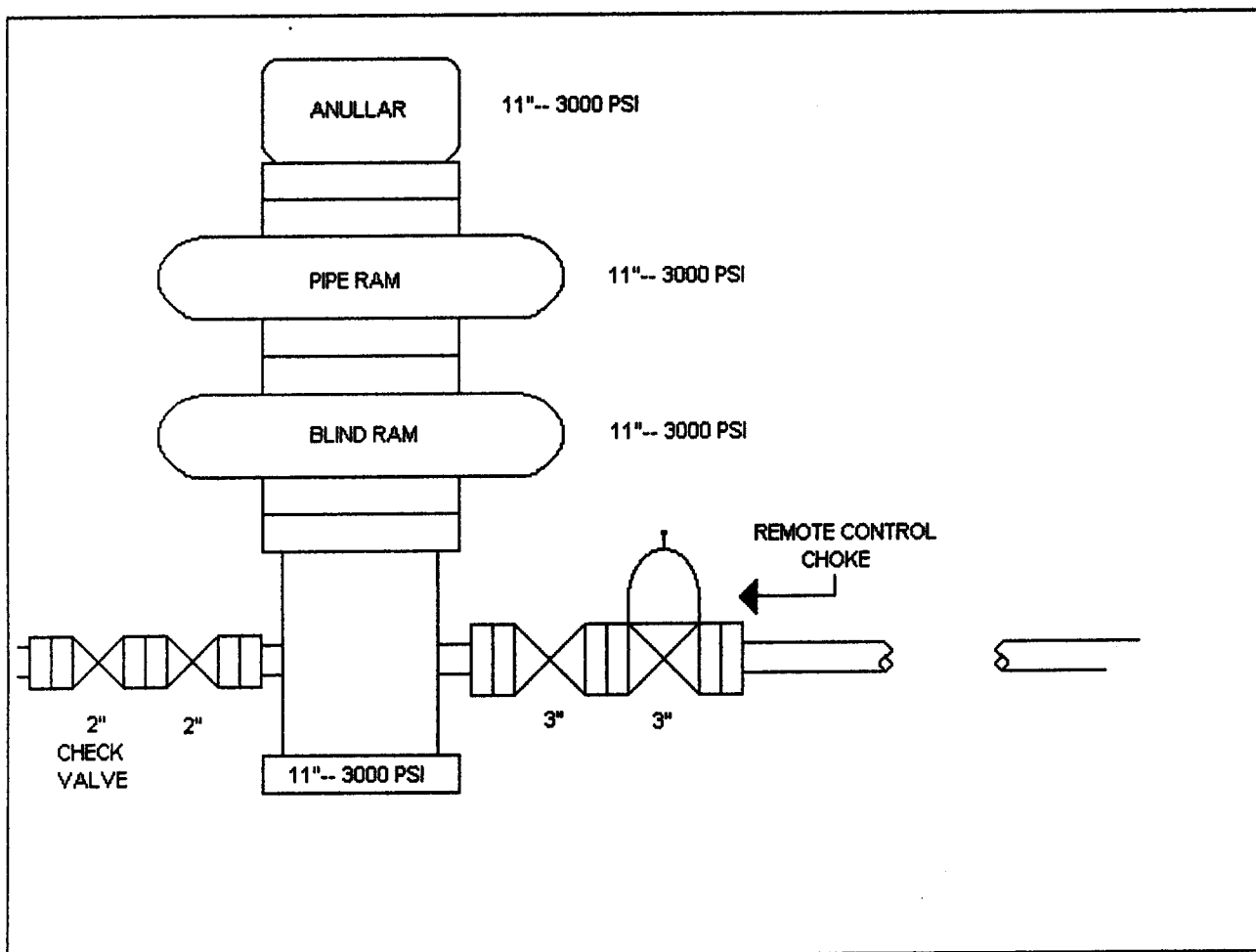
9. Abnormalities (including sour gas):

No abnormal pressures, temperatures or other hazards are anticipated. Oil and gas shows are anticipated in the Wasatch Formation. Other wells drilled in the area have not encountered over pressured zones or H₂S.

10. Drilling Schedule:

The anticipated starting date is March 1, 1998. Duration of operations expected to be 30 days.





ROSEWOOD RESOURCES, INC.

13 POINT SURFACE USE PLAN

FOR WELL

ROCK HOUSE UNIT #27

LOCATED IN

NE 1/4, NE 1/4

SECTION 10, T. 11 S., R. 23 E., U.S.B.&M.

UINTAH COUNTY, UTAH

LEASE NUMBER: UTU-0778

SURFACE OWNERSHIP: FEDERAL

1. Existing Roads

To reach the Rosewood Resources Inc., Hanging Rock House #27 well location, in Section 10, T 11 S, R 23 E, from Bonanza, Utah:

Starting in Bonanza, Utah proceed south on the paved road for 4 miles. Turn south (left) on the Book cliffs road (dirt road). Proceed south 3.9 miles to the Greeks Corrals. Turn west (right) at the fork in the road. Proceed 8.3 miles to the Asphalt Wash sign. Stay to the south (left) of the sign. Proceed .7 miles to the Rainbow sign. Stay to the west (right) of the sign. This is also called the Kings Wells road. Proceed 10.5 miles turn north (right) off the county road. Proceed .7 miles stay to the right at the intersection. Proceed 4.8 miles to the proposed location and access road.

All existing roads to the proposed location are State or County Class D roads.

Please see the attached map for additional details.

2. Planned access road

The proposed location is adjacent to an existing road. Approximately 500 feet of new road construction will be required.

Please see the attached location plat for additional details.

No right of way will be required. All surface disturbance for the road and location will be within the Unit boundary.

3. Location of existing wells

The following wells are located within one mile radius of the location site.

A) Producing wells

Gas Well	Rock House Unit #21	Sec. 11, T. 11 S., R. 23 E.
Gas Well	Rock House Unit #19	Sec. 10, T. 11 S., R. 23 E.
Gas Well	Rock House Unit #17	Sec. 9, T. 11 S., R. 23 E.
Gas Well	Rock House Unit #16	Sec. 10, T. 11 S., R. 23 E.
Gas Well	Rock House Unit #14	Sec. 15, T. 11 S., R. 23 E.

B) Water wells	None
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C) Abandoned wells	None
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D) Temporarily abandoned wells	None
E) Disposal wells	None
F) Drilling wells	None
G) Shut in wells	None
H) Injection wells	None
I) Monitoring or observation wells	None

Please see the attached map for additional details.

4. Location of tank batteries, production facilities, and production gathering service lines.

All production facilities are to be contained within the proposed location site. Please see the attached plat plan for a typical gas well separator installation and well site piping.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted a desert brown color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required **paint** color is **Desert Brown** (10 YR 6/4).

All tanks will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank in the battery. The integrity of the dike will be maintained.

The operator will adhere to all site security guidelines and regulations identified in 43 cfr 3126.7.

All off lease storage, off lease measurement, commingling on lease or off lease, of production, will have prior written approval from the authorized officer.

A proposed surface gas line will be constructed and tie into an existing 4" line. The existing line is adjacent to the location. Please see the attached location diagrams for pipe line location. There will be no additional surface disturbances required for the installation of a gathering line. The line will be a 2" or 4" steel line.

The gas meter run will be located within 500' of the well head. The gas line will be buried or anchored down from the well head to the meter. Meter runs will be housed and/or fenced.

The gas meter will be calibrated and the tank strapped in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The authorized officer will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration report will be submitted to the BLM's Vernal District office. All measurement facilities will conform with API and AGA standards for gas and liquid hydrocarbon measurement.

5. Location and type of water supply

Water for drilling and cementing the subject well will be hauled by truck from Rosewoods water station in Section 13, T11S, R23E. A second location may be used, it would be Evacuation Creek permit # 49-1595. The Evacuation Creek distribution point is in Section 7, T11S, R25E. Water for completion will come from the same supply or Vernal City.

6. Source of construction materials

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. Additional road gravels or pit lining material will be obtained from private sources.

7. Methods for handling waste disposal

A) Pit construction and liners:

The reserve pit will be approximately 10 ft. deep and most of the depth shall be below the surface of the existing ground. Please see the attached plat for details.

The reserve pit will not be lined unless the pit is blasted or soil conditions would warrant a pit liner.

The reserve pit will not be used to store water for drilling. A semi-closed system will be used to drill the well. All fresh water for drilling will come from a frac tank placed on location and from the rig tank. The pit will be used to hold non-flammable materials such as cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

B) Produced fluids:

Produced water will be confined to the reserve pit, or if deemed necessary, a storage tank for a period not to exceed 90 days after initial production. During the 90 day period an application for approval for a permanent disposal method and location will be submitted to the authorized officer.

C) Garbage:

A trash cage fabricated from expanded metal will be used to hold trash on location and will be removed to an authorized land fill location.

D) Sewage:

A portable chemical toilet will be supplied for human waste.

E) Site clean-up

After the rig is moved off the location the well site area will be cleaned and all refuse removed.

8. Ancillary facilities

There are no ancillary facilities planned for at this time and none are foreseen for the future.

9. Well-site layout

Location dimensions are as follow:

A)	Pad length	325 ft.
B)	Pad width	155 ft.
C)	Pit depth	10 ft.
D)	Pit length	180 ft.
E)	Pit width	50 ft.
F)	Max cut	23.1 ft.
G)	Max fill	9.9 ft.
H)	Total cut yds	10,770 cu. yds.
I)	Pit location	south side
J)	Top soil location	north side
K)	Access road location	east side
L)	Flare pit	corner B

Please see the attached location diagram for additional details.

All pits will be fenced according to the following minimum standards:

- A) Thirty nine inch net wire shall be used with at least one strand of wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- B) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 ft.
- E) All wire shall be stretched by using a stretching device before it is attached to the corner posts.

10. Plans for restoration of the surface

Prior to construction of the location, the top 6 inches of soil material will be stripped off the location and the pit area. The top soil will amount to approximately 1,000 cubic yards of material. **The top soil will be stockpiled in two distinct piles.** Placement of the top soil is noted on the attached location plat. **The top soil pile from the location will be seeded as soon as the soil is stock piled with the seed mix listed.** When all drilling and completion activities have been completed and the pit backfilled the top soil from the pit area spread on the pit area. **The pit area will be seeded when the soil has been spread.** The unused portion of the location (the area outside the dead men.) will be recontoured

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities.

Any drainage rerouted during the construction activities shall be restored to its original line of flow or as near as possible.

All disturbed areas will be recontoured to the approximate natural contours. Prior to back filling the pit the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 90 days of well completion. If the reserve pit has not dried sufficiently to allow back filling, an extension on the time requirement

for back filling the pit will be requested. Once reclamation activities have begun, they shall be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The objective is to keep seasonal rain fall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface.

A) Seeding dates:

Seed will be spread when the top soil is stock piled and when reclamation work is performed.

Seed will be broadcast. If a drill is used the seed mix will be half the mix spesified.

Seed Mix

Four wing salt brush	3#/acre
Western wheat grass	6#/acre

At such time as the well is plugged and abandoned the operator will submit a surface reclamation plan to the surface management agency for prescribed seed mixture and reseeding requirements.

11. Surface ownership:

Access road	Federal
Location	Federal
Pipe line	Federal

12. Other information

A) Vegetation:

The vegetation coverage is slight. The majority of the existing vegetation consists of sage brush. Rabbit brush, bitter brush and indian rice grass are also found on the location.

B) Dwellings:

There are no dwellings, or other facilities within a one mile radius of the location.

C) Archeology:

The location has been surveyed. A copy of that survey will be forwarded to your office.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations which would afflict such sites will be suspended and the discovery reported promptly to the surface management agency.

D) Water:

The nearest water is the Green River located 4 miles to the north.

E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without prior application.

F) Notification:

a) Location construction

At least forty eight (48) hours prior to construction of location and access roads

b) Location completion

Prior to moving on the drilling rig.

c) Spud notice

At least twenty-four (24) hours prior to spudding the well.

d) Casing string and cementing

At least twenty-four (24) hours prior to running casing and cementing all casing strings.

e) BOP and related equipment tests

At least twenty-four (24) hours prior to initialing pressure tests.

f) First production notice

With in five (5) business days after the new well begins, or production resumes after well has been off production for more than ninety 90 days.

H) Flare pit

The flare pit will be located in corner B of the reserve out side the pit fence and 100 feet from the bore hole on the **south and west side of the location**. All fluids will be removed from the pit within 48 hours of occurrence.

13. Lessees or Operator's representative and certification

A) Representative

Name:	William A. Ryan
Address:	Rocky Mountain Consulting 350 South, 800 East Vernal, Utah 84078
Telephone:	
Office	801-789-0968
Fax	801-789-0970
Cellular	801-823-6152

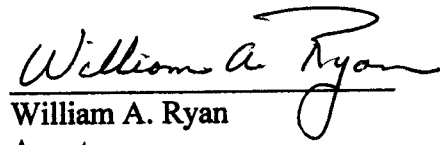
All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, onshore oil and gas orders, the applicable laws, regulations, and any applicable notices to lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

B) Certification

I herby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route, that I am familiar with the conditions which presesently exist, that the statements made in this plan are, to the best of my knowledge and belief, true and correct, and that the work associated with the operation proposed herein will be performed by Freedom Energy, Inc. and its contractors and subcontractors in conformity with this plan and terms and conditons with this plan and the terms and conditions under which it is approved.

Date 10/28/97


William A. Ryan
Agent
Rocky Mountain Consulting

Onsite Date:
Participant on joint inspection:
William Ryan
Byron Tolman

October 16, 1997
Rocky Mountain Consulting
BLM

Statement of use of Hazardous Material

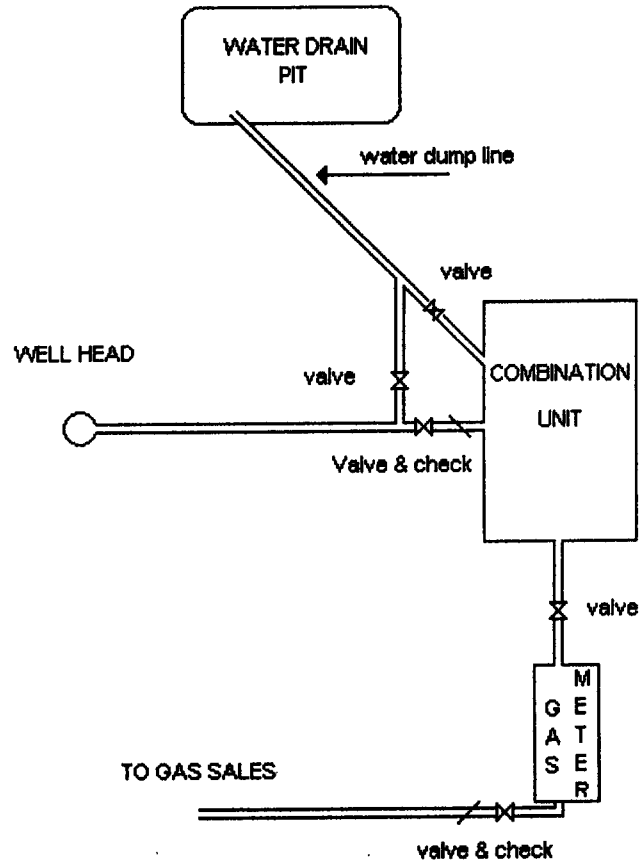
No chemical(s) from the EPA's Consolidated list of Chemicals subject to Reporting Under Title III of the Superfund Amendments and Reauthorization, Act (SARA) of 1986. will be used, produced, transported, stored, disposed, or associated with the proposed action, No extremely hazardous substances, as defined in 40 cfr 355, will be used, produced, stored, transported, disposed, or associated with the proposed action.

If you require additional information please contact:

William A Ryan
Agent for Rosewood Resources, Inc.
Rocky Mountain Consulting
350 S. 800 E.
Vernal Utah, 84078

Telephone
(801) 789-0968 office
(801) 823-6152 cellular
(801) 789-0970 fax

ROSEWOOD RESOURCES, INC
TYPICAL
GAS WELL



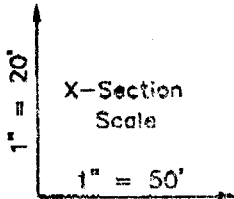
ROSEWOOD RESOURCES, INC.

TYPICAL CROSS SECTIONS FOR

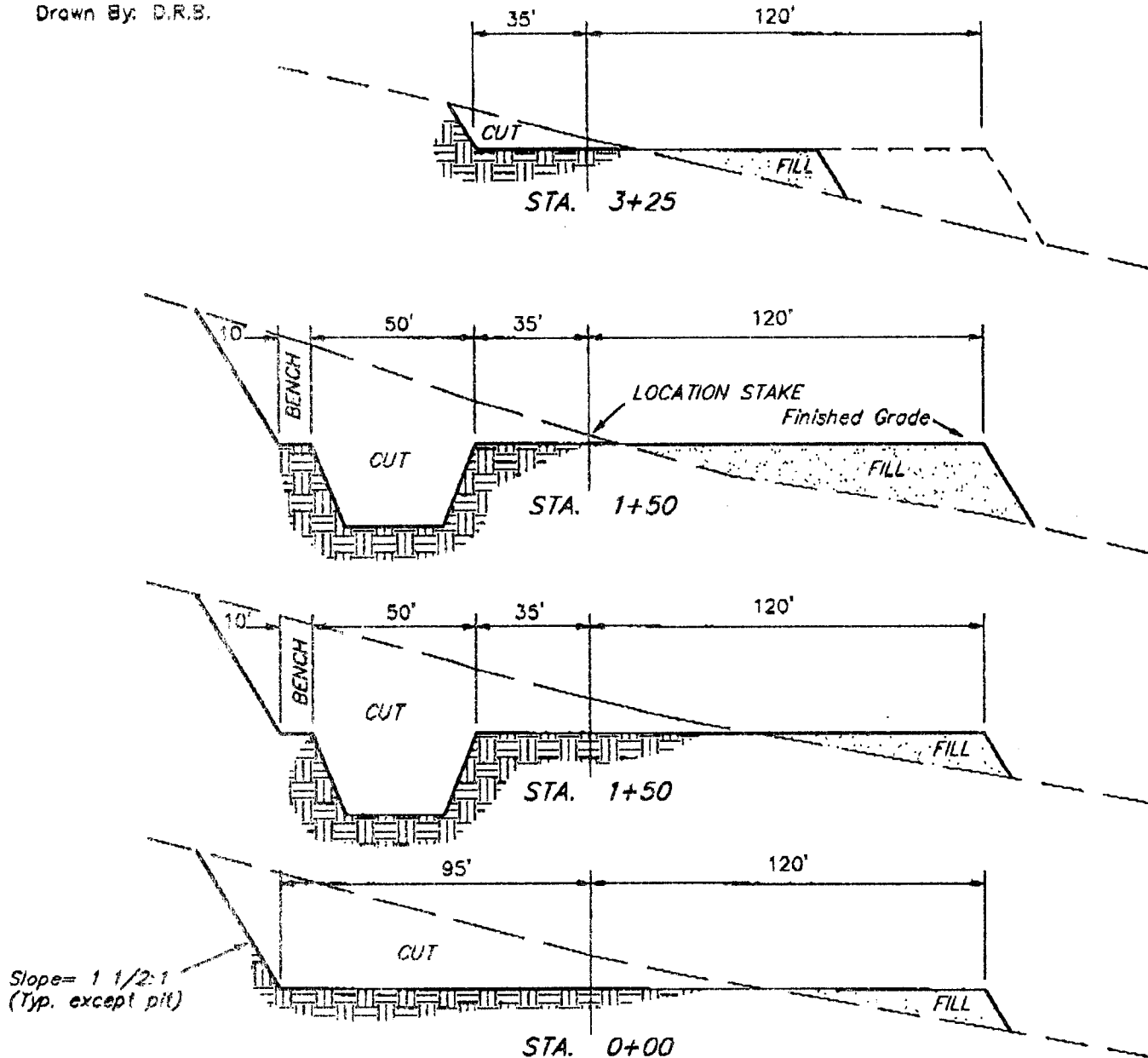
ROCK HOUSE #27

SECTION 10, T11S, R23E, S.L.B.&M.

511' FNL 537' FEL



DATE: 10-10-97
Drawn By: D.R.B.

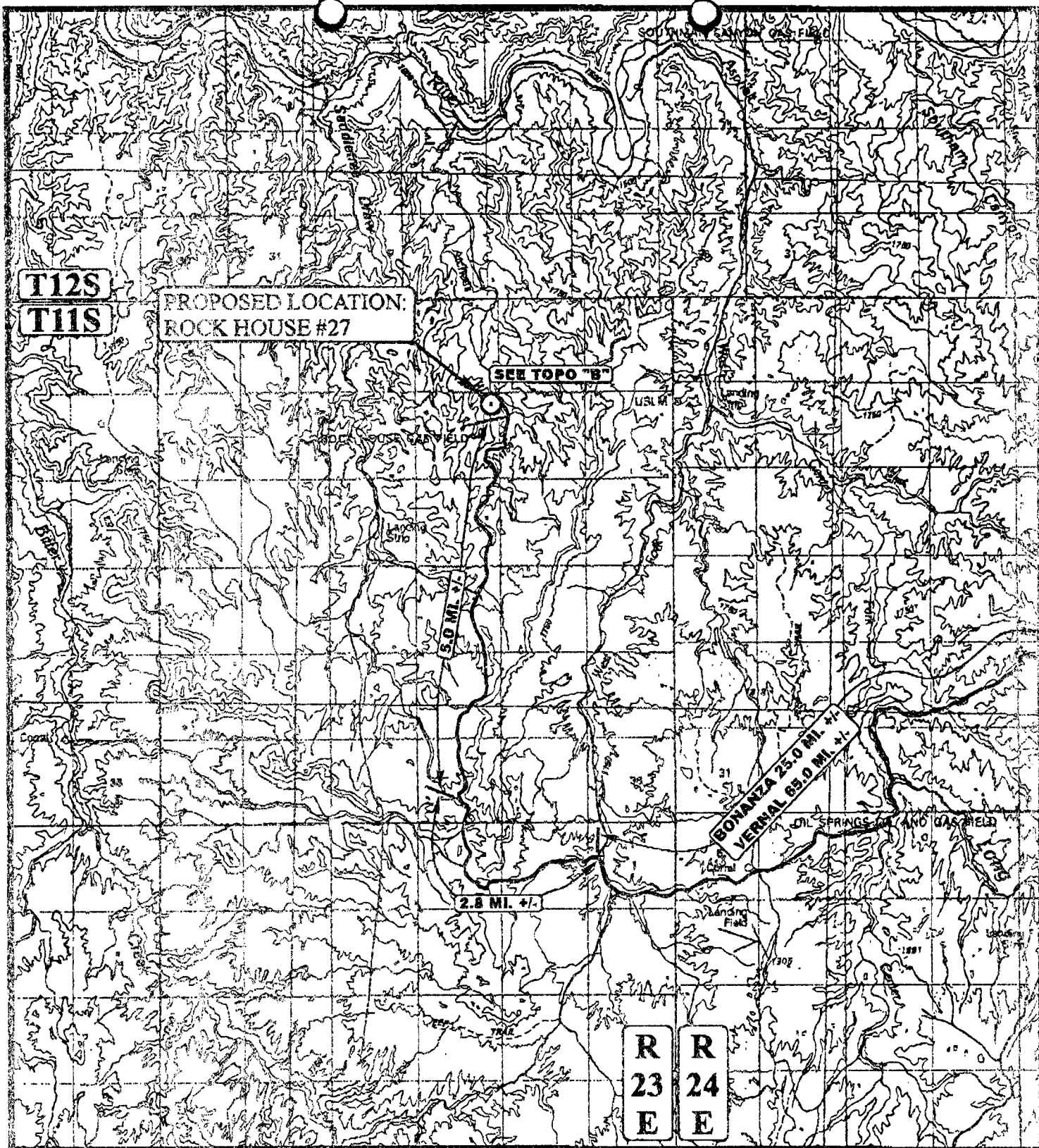


APPROXIMATE YARDAGES

(6") Topsoil Stripping = 1,100 Cu. Yds.
Remaining Location = 9,670 Cu. Yds.
TOTAL CUT = 10,770 CU.YDS.
FILL = 6,860 CU.YDS.

EXCESS MATERIAL AFTER
5% COMPACTION = 3,550 Cu. Yds.
Topsoil & Pit Backfill
(1/2 Pit Vol.) = 2,360 Cu. Yds.
EXCESS UNBALANCE
(After Rehabilitation) = 1,190 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



LEGEND:

PROPOSED LOCATION

ROSEWOOD RESOURCES INC.

ROCK HOUSE #27

SECTION 10, T11S, R23E, S.L.B.&M.

511' ENL 537' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (801) 789-1917 * FAX (801) 789-1913
 Email: uels@eastlink.com



TOPOGRAPHIC
MAP

10 8 97
 MONTH DAY YEAR

SCALE: 1 : 100,000 DRAWN BY: J.L.G. REVISED: 00-00-00



T10S
T11S

**PROPOSED LOCATION:
ROCK HOUSE #27**

PROPOSED ACCESS 0.1 MI. +/-

0.3 MI. +/-

**BONRAZA 32.8 MI. +/-
VERNAL 72.0 MI. +/-**

**R
23
E**

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD



ROSEWOOD RESOURCES INC.

ROCK HOUSE #27
SECTION 10, T11S, R23E, S.L.B.&M.
511' FNL 537' FEL

UFS
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(801) 789-1017 * FAX (801) 789-1813
Email: uels@earthlink.com

TOPOGRAPHIC **10** **8** **97**
M A P MONTH DAY YEAR
SCALE: 1" = 2000' **DRAWN BY: J.L.G.** **REVISED: 00-00-00** **B**

T11S

R
23
E

PROPOSED LOCATION:
ROCK HOUSE #27

PROPOSED
ACCESS ROAD

EXISTING PIPELINE

PROPOSED PIPELINE

TIE-IN POINT

GAS

APPROXIMATE TOTAL PIPELINE DISTANCE = 500' +/-

LEGEND:

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- PROPOSED ACCESS

N

ROSEWOOD RESOURCES INC.

ROCK HOUSE #27

SECTION 10, T11S, R23E, S.L.B.&M.

511' FNL 537' FEL



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(801) 789-1817 * FAX (801) 789-1813
Email: uels@eastlink.com

TOPOGRAPHIC
MAP

10 8 97
MONTH DAY YEAR

SCALE: 1"=1000' DRAWN BY: J.L.G. REVISED: 09-00-00



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/20/98

API NO. ASSIGNED: 43-047-33050

WELL NAME: ROCK HOUSE UNIT #27
OPERATOR: ROSEWOOD RESOURCES (N7510)

PROPOSED LOCATION:

NENE 10 - T11S - R23E
SURFACE: 0511-FNL-0537-FEL
BOTTOM: 0511-FNL-0537-FEL
UINTAH COUNTY
ROCK HOUSE FIELD (670)

LEASE TYPE: FED
LEASE NUMBER: UTU - 0778

PROPOSED PRODUCING FORMATION: WSTC

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
(Number 47-0627)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number 49-1595)
☒ RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

☒ R649-2-3. Unit: Rock House
☐ R649-3-2. General.
☐ R649-3-3. Exception.
☐ Drilling Unit.
Board Cause no: _____
Date: _____

COMMENTS: _____

STIPULATIONS: _____



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

February 19, 1998

Rosewood Resources, Inc.
100 Crescent Court, Suite 500
Dallas, Texas 75201

Re: Rock House Unit 27 Well, 511' FNL, 537' FEL, NE NE,
Sec. 10, T. 11 S., R. 23 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code •
Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq.,
and the attached Conditions of Approval, approval to drill the
referenced well is granted.

This approval shall expire one year from the above date
unless substantial and continuous operation is underway, or a
request for extension is made prior to the expiration date. The
API identification number assigned to this well is 43-047-33050.

Sincerely,

A handwritten signature in cursive script, reading 'John R. Baza'.
John R. Baza
Associate Director

lwp

Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator: Rosewood Resources, Inc.
Well Name & Number: Rock House Unit 27
API Number: 43-047-33050
Lease: UTU-0778
Location: NE NE Sec. 10 T. 11 S. R. 23 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instruct reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER ☐

SINGLE ZONE ☐

MULTIPLE ZONE ☒

2. NAME OF OPERATOR

Rosewood Resources, Inc.

3. ADDRESS OF OPERATOR

100 Crescent Court, Suite 500, Dallas Tx. 75201

214-871-5729

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface

511' FNL, 537' FEL, NE1/4, NE1/4, Sec. 10, T11S, R23E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

33.2 MILES SOUTH OF BONANZA, UT

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

511'

16. NO. OF ACRES IN LEASE

6230

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2800'

19. PROPOSED DEPTH

5500'

20. ROTARY OR MUD LOGGING

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5513'

22. APPROX. DATE WORK WILL START*

March 1, 1998

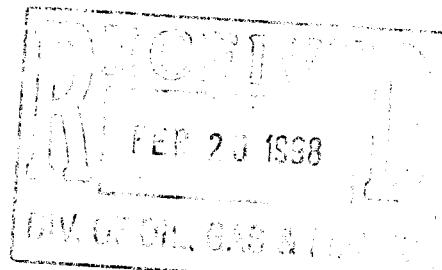
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT TO SURFACE
12 1/4	9 5/8	36	300	CMT TOP TO COVER
7 7/8	4 1/2	11.6	T.D.	THE OIL SHALE

OPERATOR REQUESTS PERMISSION TO DRILL THE SUBJECT WELL
PLEASE SEE THE ATTACHED 10 POINT AND THE 13 POINT SURFACE
USE PLAN.
IF YOU REQUIRE ADDITIONAL INFORMATION PLEASE CONTACT:

WILLIAM A. RYAN
350 S., 800 E.
VERNAL, UTAH
801-789-0968

801-823-6152



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

WILLIAM A. RYAN

TITLE

AGENT

DATE October 28, 1997

SIGNED

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Assistant Field Manager
Mineral Resources

DATE FEB 11 1998

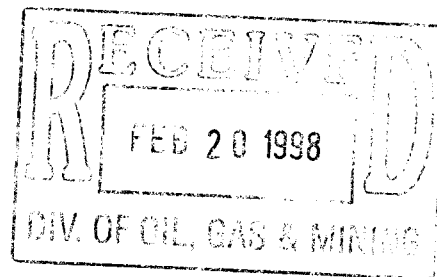
APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL



Company/Operator: Rosewood Resources, Inc.

Well Name & Number: Rock House 27

API Number: 43-047-33050

Lease Number: U - 0778

Location: NENE Sec. 10 T.11S R. 23E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **3M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale zone, identified at 814 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to the top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

The APD approval is for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (435) 789-7077
Petroleum Engineer

Wayne P. Bankert (435) 789-4170
Petroleum Engineer

Jerry Kenczka (435) 781-1190
Petroleum Engineer

BLM FAX Machine (435) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM

-Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

-The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, and crowning (2 to 3%). Graveling or capping the roadbed will be required as necessary to provide a well constructed safe road. Prior to construction/upgrading, the proposed road surface or existing road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Should mud holes develop, they shall be filled in to prevent detours. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. When snow is removed from the road during the winter months, the snow should be pushed outside of the burrow ditches and the turn outs should be kept clear so that when the snow melts the water will be channeled away from the road.

-The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

-Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs).

-The reserve pit topsoil should be piled separately on the east end of the pit.

-The location topsoil pile should be seeded immediately after the soil is piled by broadcasting the seed, then walking the topsoil pile with the dozer to plant the seed. The seed mix will be as follows:

Thickspike wheatgrass	Agropyron dasystachum	3 lbs/acre
Fourwing saltbush	Atriplex canescens	4 lbs/acre
Shadscale	Atriplex confertifolia	3 lbs/acre
Needle and Treadgrass	Stipa comata	2 lbs/acre

All poundages are in Pure Live Seed.

-Once the reserve pit is dry, it should be filled, recontoured, topsoil spread, and seeded in the same manner discussed above.

-No construction and/or drilling activities will be conducted during raptor nesting season (from April 1 to July 15), unless cleared by a qualified biologist prior to initiating construction and/or drilling activities..

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: ROSEWOOD RESOURCES

Well Name: ROCK HOUSE UNIT 27

Api No. 43-047-33050

Section 10 Township 11S Range 23E County UINTAH

Drilling Contractor

Rig #

SPUDDED:

Date 3/29/98

Time 6:00 PM

How DRY HOLE

Drilling will commence

Reported by LUCY

Telephone #

Date: 3/30/98 Signed: JLT

✓

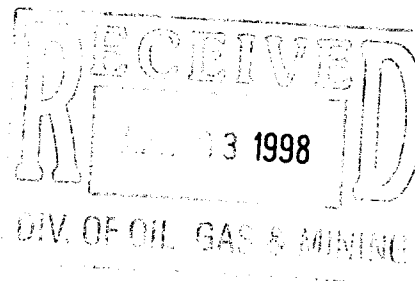
OPERATOR ROSEWOOD RESOURCES, INC.
ADDRESS P.O. Box 1668
Vernal, UT 84078

OPERATOR ACCT. NO. N 7510

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	02025	4304733050	ROCK HOUSE FEDERAL #27	NENE	10	11S	23E	UINTAH	3/29/98	3/29/98
WELL 1 COMMENTS: WELL TO BE ADDED TO THE ROCK HOUSE UNIT <i>Entity added 4-3-98. (wstc-mvrd P.A.)</i>											
A	99999	12335	4304733026	ATCHEE #1	SWNE	15	11S	23E	UINTAH	3/30/98	3/30/98
WELL 2 COMMENTS: <i>Entity added 4-3-98. fcc</i>											
B	99999	02025	4304733028	ROCK HOUSE FEDERAL #24	NWSW	15	11S	23E	UINTAH	3/31/98	3/31/98
WELL 3 COMMENTS: WELL TO BE ADDED TO THE ROCK HOUSE UNIT <i>Entity added 4-3-98. fcc (wstc-mvrd P.A.)</i>											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.
(3/89)



Lucy Nemer
Signature
Admin. Assistant
Title
Date
Phone No. (435) 789-0414

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
UTU-0779

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
ROCK HOUSE UNIT

8. Well Name and No.
ROCK HOUSE UNIT #27

9. API Well No.
43-047-33050

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH CO., UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
ROSEWOOD RESOURCES, INC.

3. Address and Telephone No.
P.O. Box 1668, Vernal, UT 435-789-0414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
511' FNL 537' FEL, NE/NE Section 10, T11S, R23E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Spud
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports the above referenced well was spud on 3/29/98 @ 6:00 p.m. by Bill Jr's Rathole Service.
(See attached report for setting of surface casing.)

COPIES: ORIG. & 2-BLM; DIV. OG&M; J MCQUILLEN

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Administrative Assistant Date 03/30/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instructions on Reverse Side**

DAILY DRILLING REPORT

ENGINEER	D.WIDNER
CONSULTANT	SALTY MILLER

[illegible]

WT		% OIL		Ca+		
VIS		%SAND		cake		
WL		%SOLID		pH		
HTHP		ALK			DAILY MUD COST	
PV		Cl-			CUM. MUD COST	
YP						

	1	2
MAKE	Omega	Emsco
MODEL	750	500
LINER	8X6.5	7X6
SPM		
PSI		

WOB	
RPM	
GPM	

Bit #	1	2
Ser#		
Size		
Make		
Type		
Jets		
In @		
Out @		
Feet		
Hrs		
Ft/Hr		
CUM		
Grade		

[illegible]

TOTAL DAILY	7812
COST FORWARD	0
CUM.TO DATE	7812

ADDITIONAL COMMENTS:

DAILY DRILLING REPORT

CURRENT DEPTH	331'
PROPOSED TD	5500'
FOOTAGE PAST 24 HRS	11'
ENGINEER	D.WIDNER
CONSULTANT	SALTY MILLER

PRESENT OPERATION: DRILLING

FROM	TO	ACTIVITY PAST 24 HRS:
10/10/2017	10/11/2017	10/10/2017
10/11/2017	10/12/2017	10/11/2017
10/12/2017	10/13/2017	10/12/2017
10/13/2017	10/14/2017	10/13/2017
10/14/2017	10/15/2017	10/14/2017
10/15/2017	10/16/2017	10/15/2017
10/16/2017	10/17/2017	10/16/2017
10/17/2017	10/18/2017	10/17/2017
10/18/2017	10/19/2017	10/18/2017
10/19/2017	10/20/2017	10/19/2017
10/20/2017	10/21/2017	10/20/2017
10/21/2017	10/22/2017	10/21/2017
10/22/2017	10/23/2017	10/22/2017
10/23/2017	10/24/2017	10/23/2017
10/24/2017	10/25/2017	10/24/2017
10/25/2017	10/26/2017	10/25/2017
10/26/2017	10/27/2017	10/26/2017
10/27/2017	10/28/2017	10/27/2017
10/28/2017	10/29/2017	10/28/2017
10/29/2017	10/30/2017	10/29/2017
10/30/2017	10/31/2017	10/30/2017
10/31/2017	11/01/2017	10/31/2017
11/01/2017	11/02/2017	11/01/2017
11/02/2017	11/03/2017	11/02/2017
11/03/2017	11/04/2017	11/03/2017
11/04/2017	11/05/2017	11/04/2017
11/05/2017	11/06/2017	11/05/2017
11/06/2017	11/07/2017	11/06/2017
11/07/2017	11/08/2017	11/07/2017
11/08/2017	11/09/2017	11/08/2017
11/09/2017	11/10/2017	11/09/2017
11/10/2017	11/11/2017	11/10/2017
11/11/2017	11/12/2017	11/11/2017
11/12/2017	11/13/2017	11/12/2017
11/13/2017	11/14/2017	11/13/2017
11/14/2017	11/15/2017	11/14/2017
11/15/2017	11/16/2017	11/15/2017
11/16/2017	11/17/2017	11/16/2017
11/17/2017	11/18/2017	11/17/2017
11/18/2017	11/19/2017	11/18/2017
11/19/2017	11/20/2017	11/19/2017
11/20/2017	11/21/2017	11/20/2017
11/21/2017	11/22/2017	11/21/2017
11/22/2017	11/23/2017	11/22/2017
11/23/2017	11/24/2017	11/23/2017
11/24/2017	11/25/2017	11/24/2017
11/25/2017	11/26/2017	11/25/2017
11/26/2017	11/27/2017	11/26/2017
11/27/2017	11/28/2017	11/27/2017
11/28/2017	11/29/2017	11/28/2017
11/29/2017	11/30/2017	11/29/2017
11/30/2017	12/01/2017	11/30/2017
12/01/2017	12/02/2017	12/01/2017
12/02/2017	12/03/2017	12/02/2017
12/03/2017	12/04/2017	12/03/2017
12/04/2017	12/05/2017	12/04/2017
12/05/2017	12/06/2017	12/05/2017
12/06/2017	12/07/2017	12/06/2017
12/07/2017	12/08/2017	12/07/2017
12/08/2017	12/09/2017	12/08/2017
12/09/2017	12/10/2017	12/09/2017
12/10/2017	12/11/2017	12/10/2017
12/11/2017	12/12/2017	12/11/2017
12/12/2017	12/13/2017	12/12/2017
12/13/2017	12/14/2017	12/13/2017
12/14/2017	12/15/2017	12/14/2017
12/15/2017	12/16/2017	12/15/2017
12/16/2017	12/17/2017	12/16/2017
12/17/2017	12/18/2017	12/17/2017
12/18/2017	12/19/2017	12/18/2017
12/19/2017	12/20/2017	12/19/2017
12/20/2017	12/21/2017	12/20/2017
12/21/2017	12/22/2017	12/21/2017
12/22/2017	12/23/20	

[illegible]

DAILY COSTS:

CUM. MUD COST

CASING HEAD

850

500

HYDRAULICS:

WOB
RPM
GPM

SURVEY DATA:

[illegible]

DEPTH DEGREES

[illegible]

CUM.TO DATE

7812

22458

ADDITIONAL COMMENTS:

DAILY DRILLING REPORT

CURRENT DEPTH	331'
PROPOSED TD	5500'
FOOTAGE PAST 24 HRS	11'
ENGINEER	D.WIDNER
CONSULTANT	SALTY MILLER

PRESENT OPERATION: WO DRLG. RIG

FROM TO ACTIVITY PAST 24 HRS:

[illegible]

DAILY COSTS:

	DAILY MUD COST	CUM. MUD COST
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98		
99		

FOOTAGE	9848
DAYWORK	
LOCATION	850
MUD	
RIG MOVE	
SURVEYOR	
LOGGING	
MUD LOG	
CEMENTING	4664
FISHING	
WATER	
WELLHEAD	
CSG CREW	
RENTALS	
CASING	
SUPERVISION	500
CASING HEAD	

HYDRAULICS:

WOB
RPM
GPM

SURVEY DATA:

[illegible]

DEPTH DEGREES

[illegible]

ADDITIONAL COMMENTS:

TOTAL DAILY	15862
COST FORWARD	22458
CUM.TO DATE	38320

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-0779

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
ROCK HOUSE UNIT

8. Well Name and No.
ROCK HOUSE UNIT #27

9. API Well No.
43-047-33050

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH CO., UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
ROSEWOOD RESOURCES, INC.

3. Address and Telephone No.
P.O. Box 1668, Vernal, UT 435-789-0414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
511' FNL 537' FEL, NE/NE Section 10, T11S, R23E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

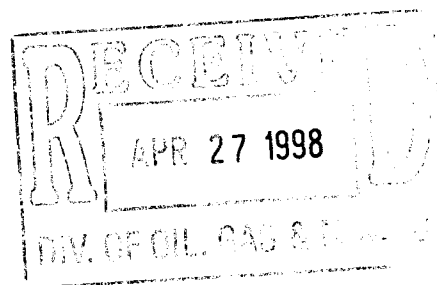
TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Weekly Status
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT - SEE ATTACHED DRILLING REPORTS.
CURRENT STATUS - WAITING ON COMPLETION



COPIES: ORIG. & 2-BLM; DIV. OG&M; J MCQUILLEN

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Administrative Assistant Date 04/23/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

ROSEWOOD RESOURCES, INC.

DAILY DRILLING REPORT

LEASE: ROCK HOUSE

DATE: 4/23/98

CURRENT DEPTH 5183'

WELL: # 27

PROPOSED TD

FOOTAGE PAST 24 HRS

PRESENT OPERATION: RIG RELEASED/FINAL DRLG. REPORT

ENGINEER D.WIDNER

CONSULTANT TOM THURSTON

FROM TO ACTIVITY PAST 24 HRS:

700	820	FINISHED RIH W/ 4 1/2", 11.6#, J-55 NEW CSG, LANDED @ 4989', FLOAT COLLAR @ 4945', STAGE TOOL @ 2517'
820	920	CIRCULATE
920	1100	BJ CEMENTED 1ST STAGE W/ 460 SXS CLASS G + 10% GYPSUM, .4% FL-25, .1% R-3 + 10% SALT
		PUMPED 420 GAL MUD CLEAN 11 AHEAD. HAD FULL RETURNS. PLUG DOWN @ 10:40 AM 4/22/98.
		PLUG HELD. EST TOC 2700'. OPENED STAGE TOOL. CIRC.
1100	300	CIRCULATE, WO 1ST STAGE CEMENT.
300	330	CEMENT 2ND STAGE W/ 175 SXS CLASS G + 3% SALT, 16% GEL + .5# GILSONITE + .25# CELLOFLAKE
		FOLLOWED W/ 50 SXS G NEAT. FULL RETURNS. PLUG DOWN @ 3:25 PM. EST TOC @ 300'.
330	630	NIPPLED DOWN BOP. SET SLIPS W/ 45 K TENS. CUT CSG.
		CLEAN MUD PITS, RIG RELEASED @ 1300.
		FINAL DRILLING REPORT.

MUD PROPERTIES:

WT	10.7
VIS	53
WL	8
HTHP	
PV	23
YP	24

% OIL	
% SAND	1/2
% SOLID	16
ALK	.2/8
CI-	500

Ca+	80
cake	2
pH	10

DAILY MUD COST

CUM. MUD COST

DAILY COSTS:

FOOTAGE	
DAYWORK	5100
LOCATION	
MUD	
MISC. PUMP	6813
SURVEYOR	
LOGGING	
MUD LOG	
CEMENTING	14761
SNUBBING	
WATER	
WELLHEAD	1301
CSG CREW	7839
RENTALS	515
CASING	23280
SUPERVISION	500
CASING HEAD	

PUMP DATA:

	1	2
MAKE	OMEGA	EMSCO
MODEL	750	500
LINER	8X6.5	7X6
SPM		
PSI		

HYDRAULICS:

WOB	
RPM	
GPM	

BIT RECORD:

Bit #	1	2
Ser#		
Size		
Make		
Type		
Jets		
In @		
Out @		
Feet		
Hrs		
Ft/Hr		
CUM		
Grade		

SURVEY DATA:

DEPTH	DEGREES
864	1/4
1356	2
1884	1 1/2
2414	2 1/4
2913	1 3/4
3409	1 1/2
3906	1 1/4
4407	3
4658	3
5183	4

TOTAL DAILY	60109
COST FORWARD	164375
CUM. TO DATE	224484

ADDITIONAL COMMENTS:

4 1/2" CSG DETAIL:	
AUTO FILL FLOAT SHOE	0.78
1 JT CSG	42.96
AUTO FILL FLOAT COLLAR	0.60
57 JTS CSG.	2425.16
CEMENT STAGE TOOL	2.10
59 JTS 4 1/2" CSG	2517.62
TOTAL	4989.22

ROSEWOOD RESOURCES, INC.

DAILY DRILLING REPORT

LEASE: ROCK HOUSE
WELL: # 27

DATE: 4/22/98

CURRENT DEPTH 5183'
PROPOSED TD
FOOTAGE PAST 24 HRS
ENGINEER D.WIDNER
CONSULTANT TOM THURSTON

PRESENT OPERATION: RUNNING 4 1/2" CSG

FROM	TO	ACTIVITY PAST 24 HRS:
700	920	MIX + COND. MUD, FLOWING ON 3/4" CHOKE @ 200 PSI
920	1000	KILLED WELL W/ 350 BBLs OF 10.5# MUD, CIRCULATED GAS OUT. HAD FULL RETURNS.
1000	1345	C & C MUD
1345	1415	TAG BRIDGE @ 4695', WASH + REAM 40', FROM 4695' - 4736'
1415	1515	CIRC. MONITOR FOR GAS.
1515	1900	WASH AND DRILL FILL FROM 4736'-4797'
1900	2015	C & C MUD
2015	2115	RIH W/ 3 STDs. DP HIT SOFT FILL, WASHED DOWN 60' TO 5047'
2115	2200	CIRC.
2200	2250	MADE 7 STD. SHORT TRIP.
2250	2430	CIRC. MONITOR FOR GAS, MUD WT 10.4# IN RETURNS. 15 UNITS BGG
2430	440	ROOH, LD DRLG ASSY.
440	510	RU TO RUN CSG.
510	700	RUNNING 4 1/2" J-55, 11.6# CSG

MUD PROPERTIES:

WT	10.7	% OIL	
VIS	53	%SAND	1/2
WL	8	%SOLID	16
HTHP		ALK	.2/8
PV	23	CI-	500
YP	24		

Ca+	80
cake	2
pH	10
DAILY MUD COST	9758
CUM. MUD COST	15322

DAILY COSTS:

FOOTAGE	
DAYWORK	6800
LOCATION	
MUD	9758
RIG MOVE	
SURVEYOR	
LOGGING	
MUD LOG	450
CEMENTING	
SNUBBING	6050
WATER	
WELLHEAD	
CSG CREW	
RENTALS	515
CASING	
SUPERVISION	1000
CASING HEAD	
TOTAL DAILY	24573
COST FORWARD	139802
CUM. TO DATE	164375

PUMP DATA:

	1	2
MAKE	OMEGA	EMSCO
MODEL	750	500
LINER	8X6.5	7X6
SPM		
PSI		

HYDRAULICS:

WOB	
RPM	
GPM	

BIT RECORD:

Bit #	1	2
Ser#		
Size		
Make		
Type		
Jets		
In @		
Out @		
Feet		
Hrs		
Ft/Hr		
CUM		
Grade		

SURVEY DATA:

DEPTH	DEGREES
864	1/4
1356	2
1884	1 1/2
2414	2 1/4
2913	1 3/4
3409	1 1/2
3906	1 1/4
4407	3
4658	3
5183	4

ADDITIONAL COMMENTS:

ROSEWOOD RESOURCES, INC.

DAILY DRILLING REPORT

LEASE: ROCK HOUSE

DATE: 4/20/98

CURRENT DEPTH 5183'

WELL: #27

PROPOSED TD 5332'

FOOTAGE PAST 24 HRS 466'

PRESENT OPERATION: DRILLING

ENGINEER D.WIDNER

CONSULTANT TOM THURSTON

FROM TO ACTIVITY PAST 24 HRS:

700	715	DRILL FROM 4717' TO 4760'
715	745	CIRCULATE DRLG BREAK, 795 UNITS GAS.
745	815	DRILL FROM 4760' TO 4809'
815	830	CIRCULATE DRLG BREAK, 765 UNITS GAS.
830	1545	DRILL FROM 4809' TO TD AT 5183'
1545	1715	CIRCULATED HOLE.
1715	1800	MADE 10 STD SHORT TRIP
1800	1900	CIRCULATED
1900	2300	POOH FOR LOGS, TALLIED PIPE OUT - 5180'
2300	500	RU SCHLUMBERGER, RAN OPEN HOLE LOGS. WIRELINE TD @ 5180'
		INDUCTION TOOL NOT WORKING RIGHT, HAD TO WAIT 2 HRS ON ANOTHER LOGGING TOOL.
		WHILE LOGGING OUT ON 2ND RUN WELL KICKED, BLEW LINE OFF TOP OF SHIEVE.
		SHUT BLIND RAMS, DIVERTED WELL TO FLARE PIT THROUGH MANIFOLD
500	700	FLOWING TO FLARE PIT ON 3/4" CHOKE, FLOWING PSI 75#

MUD PROPERTIES:

WT	9.3	% OIL	
VIS	34	%SAND	3/4
WL	9.2	%SOLID	7
HTHP		ALK	.3/.7
PV	10	Cl-	500
YP	5		

Ca+	100
cake	2
pH	10

DAILY MUD COST	
CUM. MUD COST	3419

DAILY COSTS:

FOOTAGE	9833
DAYWORK	
LOCATION	
MUD	
RIG MOVE	
SURVEYOR	
LOGGING	
MUD LOG	450
CEMENTING	
FISHING	
WATER	550
WELLHEAD	
CSG CREW	
RENTALS	515
CASING	
SUPERVISION	500
CASING HEAD	

PUMP DATA:

	1	2
MAKE	Omega	Emsco
MODEL	750	500
LINER	8X6.5	7X6
SPM	106	
PSI	1080	

HYDRAULICS:

WOB	12
RPM	53
GPM	358

BIT RECORD:

Bit #	1	2
Ser#	695314	33909
Size	7 7/8	7 7/8
Make	Security	Security
Type	ERA-18C	FM2565
Jets	3-13	3-13/5-10
In @	280'	1400'
Out @	1400'	5183
Feet	1120'	3783
Hrs	14 1/2	52.5
Ft/Hr	77	72
CUM		67
Grade		

SURVEY DATA:

DEPTH	DEGREES
864'	1/4
1356'	2
1884'	1 1/2
2414'	2 1/4
2913'	1 3/4
3409'	1 1/2
3906'	1 1/4
4407'	3
4658'	3
5183	4

TOTAL DAILY	11848
COST FORWARD	131622
CUM.TO DATE	143470

ADDITIONAL COMMENTS:

BHA: BIT, MTR, 10- 6" DC'S & 12 HWDP= 699.72'

TOP OF WASATCH @ 3058'

TOP OF MESA VERDE @ 4866'

SHOWS: 3/19/98

3/20/98

3064' TO 3072', 550 UNITS

4634' TO 4666', 795 UNITS

3476' TO 3494', 760 UNITS

4700' TO 4742', 765 UNITS

4200' TO 4211', 600 UNITS

4762' TO 4792', 735 UNITS

OUT OF HOLE W/LOGS ON 1ST RUN @ 2:00 A.M.
WELL KICKED AT 5:00 A.M.

DAILY DRILLING REPORT

LEASE: ROCK HOUSE
WELL: #27

DATE: 4/19/98

CURRENT DEPTH	4717'
PROPOSED TD	5332'
FOOTAGE PAST 24 HRS	1122'
ENGINEER	D.WIDNER
CONSULTANT	TOM THURSTON

PRESENT OPERATION: DRILLING

[illegible]**MUD PROPERTIES:**

WT	9.3	% OIL	
VIS	34	%SAND	3/4
WL	9.2	%SOLID	7
HTHP		ALK	.3/7
PV	10	Cl-	500
YP	5		

Ca+	100
cake	2
pH	10

DAILY MUD COST	1603
CUM. MUD COST	3419

DAILY COSTS:

FOOTAGE	23674
DAYWORK	
LOCATION	
MUD	1603
RIG MOVE	
SURVEYOR	
LOGGING	
MUD LOG	450
CEMENTING	
FISHING	
WATER	
WELLHEAD	
CSG CREW	
RENTALS	515
CASING	
SUPERVISION	500
CASING HEAD	

PUMP DATA:

	1	2
MAKE	Omega	Emsco
MODEL	750	500
LINER	8X6.5	7X6
SPM	106	
PSI	1080	

HYDRAULICS:

WOB	12
RPM	53
GPM	358

BIT RECORD:

Bit #	1	2
Ser#	695314	33909
Size	7 7/8	7 7/8
Make	Security	Security
Type	ERA-18C	FM2565
Jets	3-13	3-13/5-10
In @	280'	1400'
Out @	1400'	
Feet	1120'	3317'
Hrs	14 1/2	44 1/2
Ft/Hr	77	74.5
CUM		59
Grade		

SURVEY DATA:

DEPTH	DEGREES
864'	1/4
1356'	2
1884'	1 1/2
2414'	2 1/4
2913'	1 3/4
3409'	1 1/2
3906'	1 1/4
4407'	3
4658'	3

TOTAL DAILY	26742
COST FORWARD	104880
CUM.TO DATE	131622

ADDITIONAL COMMENTS:

BHA: BIT, MTR, 10- 6" DC'S & 12 HWDP= 699.72'

TOP OF WASATCH @ 3058'

SHOWS:

4200'- 11'

600 UNITS

ROSEWOOD RESOURCES, INC.

DAILY DRILLING REPORT

LEASE: **ROCK HOUSE**
WELL: **#27**

DATE: **4/18/98**

CURRENT DEPTH 3595'
PROPOSED TD 5332'
FOOTAGE PAST 24 HRS 2146'
ENGINEER **D.WIDNER**
CONSULTANT **TOM THURSTON**

PRESENT OPERATION: **DRILLING**

FROM	TO	ACTIVITY PAST 24 HRS:
700	715	DRLG TO 1480'
715	740	RIG SERVICE
740	1100	DRLG TO 1884'
1100	1120	SURVEY, FUNCTION TEST BOP'S W/ REMOTE
1120	1550	DRLG TO 2415'
1550	1620	SURVEY, CLEAN SHALE PIT
1620	2105	DRLG TO 2913'
2105	2130	SURVEY
2130	2440	DRLG TO 3163'
2440	100	RIG SERVICE
100	410	DRLG TO 3409'
410	430	SURVEY
430	700	DRLG TO 3595'

MUD PROPERTIES:

WT	9.3	% OIL	
VIS	36	%SAND	1
WL	10	%SOLID	7.4
HTHP		ALK	.3/8
PV	12	CI-	600
YP	8		

Ca+	80
cake	2
pH	9

DAILY MUD COST	1749
CUM. MUD COST	1816

DAILY COSTS:

FOOTAGE	45281
DAYWORK	
LOCATION	
MUD	1749
RIG MOVE	
SURVEYOR	
LOGGING	
MUD LOG	450
CEMENTING	
FISHING	
WATER	
WELLHEAD	
CSG CREW	
RENTALS	515
CASING	
SUPERVISION	500
CASING HEAD	

PUMP DATA:

	1	2
MAKE	Omega	Emsco
MODEL	750	500
LINER	8X6.5	7X6
SPM	106	
PSI	950	

HYDRAULICS:

WOB	12
RPM	53
GPM	358

BIT RECORD:

Bit #	1	2
Ser#	695314	33909
Size	7 7/8	7 7/8
Make	Security	Security
Type	ERA-18C	FM2565
Jets	3-13	3-13/5-10
In @	280'	1400'
Out @	1400'	
Feet	1120'	2195'
Hrs	14 1/2	22 1/4
Ft/Hr	77	99
CUM		36 3/4
Grade		

SURVEY DATA:

DEPTH	DEGREES
864'	1/4
1356'	2
1884'	1 1/2
2414'	2 1/4
2913'	1 3/4
3409'	1 1/2

TOTAL DAILY	48495
COST FORWARD	56385
CUM.TO DATE	104880

ADDITIONAL COMMENTS:

BHA: BIT, MTR, 10- 6" DC'S & 12 HWDP= 699.72'

TOP OF WASATCH @ 3058'

SHOWS:

3064'- 72'	550 UNITS
3476'- 94'	760 UNITS

DAILY DRILLING REPORT

CURRENT DEPTH	1449'
PROPOSED TD	5350'
FOOTAGE PAST 24 HRS	1169'
ENGINEER	D.WIDNER
CONSULTANT	TOM THURSTON

ENGINEER D.WIDNER
CONSULTANT TOM THURSTON

ADDITIONAL COMMENTS:

DAILY DRILLING REPORT

CURRENT DEPTH	<u>0</u>
PROPOSED TD	<u>5350</u>
FOOTAGE PAST 24 HRS	<u>0</u>
ENGINEER	D.WIDNER
CONSULTANT	TOM THURSTON

ENGINEER D.WIDNER
CONSULTANT TOM THURSTON

[illegible]

DAILY COSTS:

DAILY MUD COST	
CUM. MUD COST	

FOOTAGE	
DAYWORK	
LOCATION	
MUD	
RIG MOVE	
SURVEYOR	
LOGGING	
MUD LOG	450
CEMENTING	
FISHING	
WATER	1100
WELLHEAD	
CSG CREW	
RENTALS	515
CASING	
SUPERVISION	500
CASING HEAD	

HYDRAULICS:

WOB	
RPM	
GPM	

SURVEY DATA:

[illegible]

TOTAL DAILY	2565
COST FORWARD	27622
CUM.TO DATE	30187

ADDITIONAL COMMENTS:

BLM NOTIFIED, BUT DID NOT WITNESS TEST.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-0779

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
ROCK HOUSE UNIT

8. Well Name and No.
ROCK HOUSE UNIT #27

9. API Well No.
43-047-33050

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH CO., UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ROSEWOOD RESOURCES, INC.

3. Address and Telephone No.

P.O. Box 1668, Vernal, UT 435-789-0414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

511' FNL 537' FEL, NE/NE Section 10, T11S, R23E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
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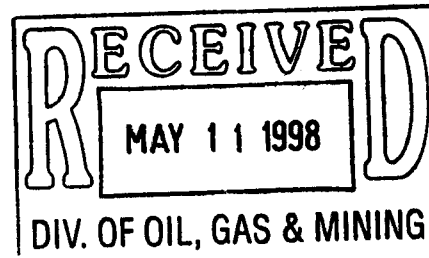
TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Weekly Status
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WEEKLY STATUS REPORT - SEE ATTACHED COMPLETION.
CURRENT STATUS - COMPLETING



COPIES: ORIG. & 2-BLM; DIV. OG&M; J MCQUILLEN

14. I hereby certify that the foregoing is true and correct

Signed

Lucy Nasser

Title Administrative Assistant

Date 05/08/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ROSEWOOD RESOURCES, INC.

Daily Completion Report

WELL NAME: ROCK HOUSE #27

DATE: 5/8/98

DEPTH: 5183'

PBD

PERFS: 4710' - 4718'

Lease #: U-63030C

Location: NENE SEC. 10, 11S, R23E

County: Uintah Co., Utah

PACKER:

RBP:

CIBP:

EOT:

Engineer

Consultant

D. Widner

S. Miller

4/30/98

MIRU POOL WELL SERVICE RIG #824. SET UP RIG PUMP & TANK. PREP TO START COMPLETION. SION

DAILY COST \$4,070 CUM COST \$4,070

5/1/98

Unload string of new 2 3/8" tbg and 4- 3 1/8" DC's. TIH w/ 3 7/8" drag bit, 4 1/2" csg scraper, 4 - 3 1/8" DC's and 2 3/8" tbg. Tagged cement @ 2445'. Cir hole clean. Pressure tested csg to 2500 psi, ok. PU power swivel, drilled 36' Of cement and cement stage tool @ 2481'. tested csg. to 2500 psi, ok. Finished TIH. Tagged TD @ 4953'. Circ hole clean w/ 3% KCL wtr. TOH, LD DC's, scraper, bit. SDFN.

DAILY COST \$16,806 CUM COST \$20,872

5/2/98

RU SCHLUMBERGER, RAN BOND LOG. MAXIUM RUN DEPTH 4953'. PRESSURED CSG TO 1000# TO RUN LOG. CEMENT OK ACROSS ZONES OF INTEREST. RD SCHLUMBERGER, RIH W/ 2 3/8" TBG. TO 4795'. SWABBED FLUID DOWN 2000', POOH W/TBG. SHUT DOWN FOR WEEKEND. READY TO PERF MONDAY.

DAILY COST \$5,995 CUM COST \$40,872

5/5/98

RU SCHLUMBERGER, PERFORATE INTERVAL 4710' TO 4718' W/3 3/8" ULTRAJET CSG GUN 4SPF, 32 HOLES. HAD A LIGHT BLOW ON WELL AFTER PERFORATING. RIH W/NC, XN-NIPPLE, 1 JT TBG, X-NIPPLE AND 148 JTS 2-3/8" TBG. EOT LANDED @ 4650', XN NIPPLE @ 4647', X-NIPPLE @ 4615'. WELL KICKED WHILE RUNNING TBG BUT BLEW DOWN. LANDED TBG HANGER, NU WH. CSB BUILT TO 600#. RIH W/SWAB, FL @ 500', MADE 1 RUN, WELL KICKED OFF, FLOWED 1 HR. BLEW DOWN. TBG 0#, CSG 500#. MADE SWAB RUN, SCATTERED FLUID FROM 1900' TO TD. WELL UNLOADED HOLE, PUT ON 24/64" CHOKE. FLOWED WELL 1 1/2 HRS, WELL STABALIZED @ FTP 100#, SICP 100#. SIFN

DAILY COST \$5,048 CUM COST \$270,434 CUM COST INCLUDES DRILLING COST FORWARDED

5/6/98

SITP 2100#, SICP 2100# Opened to pit on 18/64" choke, flowed 4 hrs., well stable after 3 hrs. FTP 240#, SICP 320#. Est. mcf 416. IN 16/64" choke. Flowed 2 hrs. FTP 280#, SICP 400#. MCF 382 In 14/64" choke flowed 3 hrs. FTP 370# SICP 460#, est. mcf 375. Recovered no fluid. SIFN.

	TBG.	CSG.	
7:00AM	2100	2100	18/64
7:30	1500	1150	
8:00	800	800	
9:00	400	400	
10:00	260	260	
10:30	240	240	
11:30	240	240	16/64
12:00	280	380	
1:00	280	400	
1:30	280	400	14/64
2:00	340	430	

2:30	360	450	
3:00	360	460	
5:00	360	460	S.I.

DAILY COST \$2,643 CUM COST \$273,077

5/7/98

SITP 2000# SICP 2000#, OPENED TO PIT ON 18/64" CHOKE , FLOWED 3 HRS. FTP 280# SICP 300#, M MCF 486
 IN 16/64' CHOKE FLOWED 4 HRS. FTP 320# SICP 360#, EST. MCF 437. IN 14/64" CHOKE, FLOWED
 2 1/2 HRS. FTP 400# SICP 440#, EST. MCF 417. SIFN TOTAL FLUID RECOVERED 17 BBLS.

	TBG.	CSG.		TBG.	CSG.
7:00	2000#	2100	18/64		
7:30	1150	1250	2.6 BBLS. WATER	3:30	400 420
8:00	680	720	4.2 BBLS.	4:00	400 440
8:30	400	420	DRY	5:00	400 440
9:00	300	320		S.I.	
9:30	300	310			
10:00	280	310			
10:30	280	300	IN 16/64"		
11:00	300	330	DRY		
11:30	320	360			
12:00	320	360			
1:00	320	360			
2:00	320	360			
2:30	320	360	IN 14/64		
3:00	380	420	DRY		

DAILY COST \$2,643 CUM COST \$275,720

5/8/98

SITP 1980# SICP 1980# OPENED TO TANK ON 18/64" CHOKE, FLOWED 2 HRS. FTP 320# SICP 400#
 MADE 10.5 BBLS. WATER IN FIRST HOUR, THEN DRY, NO FLUID. IN 30/64" CHOKE, FLOWED 3 HRS.
 WELL STABLE AT FTP 120# SICP 120#, NO FLUID. EST. MCF 587. REMOVED CHOKE FLOWED WELL
 2 HRS. STABILIZED AT 30# FTP, SICP 60#. EST. MCF 380. RU BJ, LOADED HOLE WITH 66 BBLS. 3% KCL,
 DROPPED 50 BALL SEALERS, S.I. CSG. BROKE DOWN FORMATION AT 2465#, HAD GOOD BALL ACTION
 BALLED OFF TO 3500#. SHUT DOWN, REMOVED BALL GUN. FRACED INTERVAL 4710' TO 4718'
 WITH 7050 GALS. VIKING I-30 WITH 20,500# 20/40 WHITE SAND. MAX. PSI 4490#, AVG. PSI 3000#
 AVG. RATE 9.3 BPM. ISIP 2200#, 5 MIN. 1812#, 10 MIN. 1539#, 15 MIN. 1286#. SI 2 HRS. SITP 600#
 SICP 580#, OTP ON 16/64' CHOKE. FLOWED 15 MIN. PSI FELL TO 290#/360#. IN 30/64" CHOKE, FLOWED
 2 HRS. FTP 600# SICP 50#, WITH A GOOD SHOW FRAC FLUID. PUT 18/64" IN FLOWED 10 1/2 HRS.
 FTP 1460# SICP 1460#, FLOWING 4 BBLS. PER HOUR FRAC FLUID. TOTAL FLUID TO RECOVER
 296 BBLS. HAVE RECOVERED 170 BBLS., 126 BBLS. LTR. EST. MCF 2532.

DAILY COST \$16,820 CUM COST \$292,540

UNITED STATES
DEPARTMENT OF THE INTERIOR
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N/A

7. If Unit or CA, Agreement Designation
ROCK HOUSE UNIT

8. Well Name and No.
ROCK HOUSE UNIT #27

9. API Well No.
43-047-33050

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH CO., UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
ROSEWOOD RESOURCES, INC.

3. Address and Telephone No.
P.O. Box 1668, Vernal, UT 435-789-0414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
511' FNL 537' FEL, NE/NE Section 10, T11S, R23E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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TYPE OF ACTION

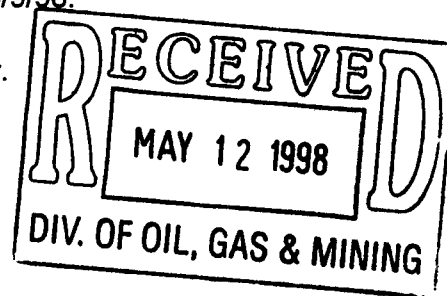
☐ Abandonment
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(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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Operator reports the above well was placed on production @ 8:30 a.m. on 5/9/98.

Initial 24 hr. production: 2347 MCF; 16.7 bbls. condensate; 28.4 bbls. water.
16/64" choke.



COPIES: ORIG. & 2-BLM; DIV. OG&M; J MCQUILLEN

14. I hereby certify that the foregoing is true and correct

Signed

Larry Neme

Title Administrative Assistant

Date 05/11/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

UTU-0779

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

ROCK HOUSE UNIT

8. FARM OR LEASE NAME, WELL NO.

ROCK HOUSE UNIT #27

9. API WELL NO.

43-047-33050

10. FIELD AND POOL OR WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

SEC. 10, T11S, R23E

Block & Survey: S.L.B. & M

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

19. ELEV. CASINGHEAD

5527' KB

25. WAS DIRECTIONAL
SURVEY MADE

NO

27. WAS WELL CORED

NO

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL
WELL ☐GAS
WELL ☒DRY ☐

Other _____

1b. TYPE OF WELL

NEW
WELL ☒WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐LIFT
RESVR. ☐

Other _____

2. NAME OF OPERATOR

ROSEWOOD RESOURCES, INC.

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 1668, VERNAL, UT 84078

435-789-0414

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface

511' FNL 537' FEL NE/NE

At top prod. Interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

2/11/98

15. DATE SPUDDED

3/29/98

16. DATE T.D. REACHED

4/19/98

17. DATE COMPL. (Ready to prod.)

5/9/98

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5513' GR

20. TOTAL DEPTH, MD & TVD

5183' MD

21. PLUG, BACK T.D., MD & TVD

TD

4953' MD

22. IF MULTIPLE COMPL.,

HOW MANY*

23. INTERVALS

DRILLED BY

→

ROTARY TOOLS

331' - 5183'

CABLE TOOLS

NA

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

WASATCH 4710' - 4718'

26. TYPE ELECTRIC AND OTHER LOGS RUN

AI/LC/GR, CNLD/GR, CBL/GR, MUD LOG, Microlog/LC/GR 5-4-98

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" J-55	24#	329' GR	12 1/4"	SURF-250SX Class "G" + ADD	NONE
4-1/2" J-55	11.6#	4989'	7 7/8"	300' - LEAD 220 SXS "G"	NONE
				TAIL 460 SX CLASS "G" + ADD	
				DV TOOL @ 2517'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4650'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
4710' - 18'	0.37	32

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4710' - 18'	7050 GALS VIKING; 20,500# 20/40 SAND

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)					WELL STATUS (Producing or shut-in)	
5/9/98	FLOWING					PROD	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
5/11/98	24	16/64	→	16.7	2347	28.4	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
1340#	1460#	→	16.7	2347	28.4		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

SALES/FUEL

TEST WITNESSED BY

IVAN SADLER

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

ADMINISTRATIVE ASISTANT

DATE

7/30/98

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

DESCRIPTION, CONTENTS, ETC.

FORMATION

BOTTOM

TOP

TOP

TRUE

MEAS. DEPTH

RT. DEPT.

VERT. DEPTH

WASATCH	3058'
MESA VERDE	4866'

3058'

3058'

4866'

4866'

COPIES: BLM - VERNAL/ORIG. & 2 COPIES; DIV. OG&M - DALLAS 1 COPY;

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UNITED STATES
DEPARTMENT OF THE INTERIOR
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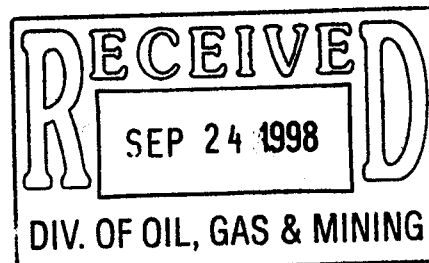
TYPE OF ACTION

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☐ Recompletion
☐ Plugging Back
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☐ Altering Casing
☐ Other _____
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☐ Non-Routine Fracturing
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☐ Conversion to Injection
☒ Dispose Water

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Produced water will be tanked on location and then trucked to the state approved TU & FRUM Disposal Facility located in Section 12, T5S, R19E, Uintah County. Produced water will be reported on the Monthly MMS-3160 from.



COPIES: ORIG. & 2-BLM; DIV. OG&M; J MCQUILLEN

14. I hereby certify that the foregoing is true and correct

Signed

Lucy Verner

Title Administrative Assistant

Date 09/21/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

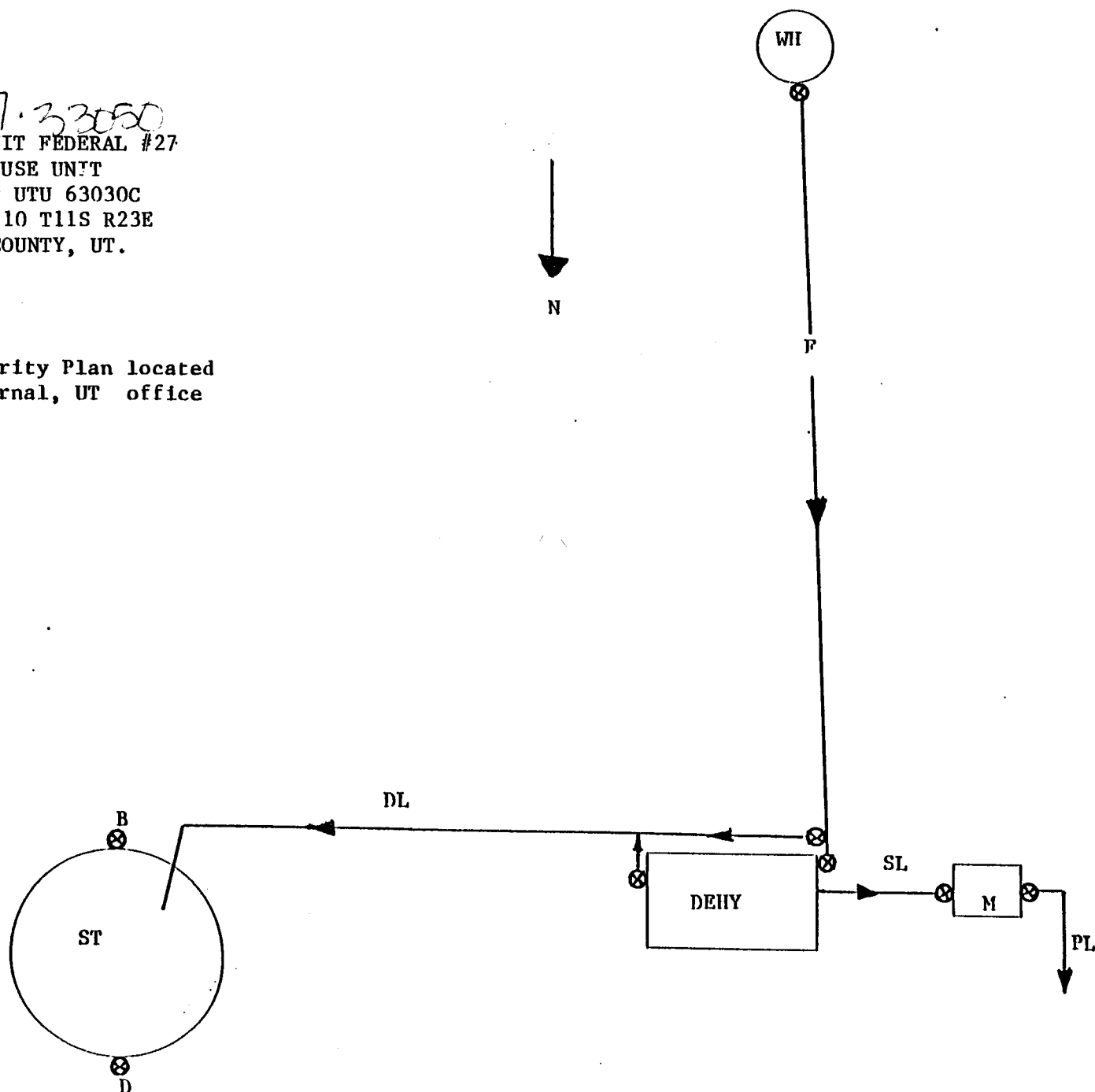
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*See Instructions on Reverse Side

ROSEWOOD RESOURCES, INC.
VERNAL, UTAH

43-047-33050
ROCK HOUSE UNIT FEDERAL #27
ROCK HOUSE UNIT
AGREEMENT # UTU 63030C
NE/NE SEC. 10 T11S R23E
UINTAH COUNTY, UT.

Site Security Plan located
in the Vernal, UT office



LEGEND

F	FLOWLINE
DL	DUMP\BLOWDOWN LINE
CL	CONDENSATE LINE
SL	SALES LINE
PL	WILDHORSE PIPELINE
WH	WELLHEAD
SEP	SEPARATER
ST	STORAGE TANK
WT	WATER TANK
⊗	VALVE
A ⊗	SEALED CL VALVE
B ⊗	SEALED SALES VALVE
D ⊗	SEALED DRAIN VALVE
M	GAS METER
PU	PUMPING UNIT
DEHY	GAS DEHYDRATER
COMP	GAS COMPRESSOR
C ⊗	EQUALIZER LINE

ATTACHMENT TO PRECEDING SITE FACILITY DIAGRAMS

General sealing of valves - sales are by tank gauging.

Production Phase: All drain valves (D) and sales valves (B) are sealed closed. The fill valve (A) and equalizer valve (C) are open and unsealed on the producing tank. The equalizer valve (C) on another tank is open and unsealed to allow production to flow to a spare tank in the event of an upset.

Sales Phase: The tank from which sales are being made will be isolated by sealing close the fill line (A), equalizer line (C), and drain valve (D) prior to shipping. After these valves are sealed closed, the top gauge will be taken. The sales valve (B) on the isolated sales tank will be broken and opened for sales. After sales, the sales valve (B) is sealed closed and the closing gauge is taken. The fill valve (A) and equalizer valve (C) seals are broken and the valves opened, when production is turned back into this tank.

Draining Phase: The tank being drained will be isolated by sealing closed the sales valve (B) and the other drain valves (D) on the other tanks. The top gauge will be taken prior to opening the drain valve (D). The water is drained off and the drain valve (D) is sealed closed and the top gauge is retaken.

<u>Sealed Valves</u>	<u>Producing</u>	<u>Shipping</u>	<u>Draining</u>
A-Fill Valve	open	closed	open
B-Shipping Valve	closed	open	closed
C-Equalizer Valve	open	closed	open
D-Drain Valve	closed	closed	open
E-Hot-oil Valve	closed	closed	closed